

Product Datasheet

Alkaline Phosphatase Conjugated Affinity Purified anti-Rat IgG [H&L] [Donkey] (orb1675029)

Catalog Number orb1675029

Category Antibodies

Description Minimum Cross reactivity to Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse,

Human, Mouse, Rabbit and Sheep Serum Proteins

Species/Host Donkey

Conjugation Unconjugated

Reactivity Rat

Concentration 1.0 mg/ml (by UV absorbance at 280 nm)

Buffer/Preservatives 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride,

0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0

Purity This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Rat IgG coupled to agarose beads followed by solid phase

adsorption(s) to remove any unwanted reactivities. Assay by

immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Donkey Serum, Rat IgG and Rat Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster,

Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.

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Immunogen Rat IgG whole molecule

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Tested applications DOT, ELISA, IHC, WB

Application notes This product has been assayed against 1.0 μg of Rat IgG in a standard capture

ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30

minutes at room temperature. A working dilution of 1:1,000 to 1:2,000 is suggested for this product. Optimal titers for other applications should be

determined by the researcher.

Antibody Type Secondary Antibody

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -

20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only